

Proposal for 2.5G/5G/10GBASE-T1 Transmit Voltage Level

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May 24, 2018

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Conclusion on 1Vpp Transmit Voltage Level

- Substantial power savings in AFE design.
- Reduced emission levels.
- Based on 802.3ch draft standard cable specs, there is no need to go above 1Vpp to achieve targeted performances.
- All of the above are true for speeds at 2.5G/5G/10G.

Motion #n

- Move to adopt 1 Vpp as the transmit voltage level for 2.5G/5G/10GBASE-T1.
- M:
- S:
- Y: N: A:
- Motion Passes (Technical $\geq 75\%$)